

# Converting Colors

Hex(7E6226)

Have a look what the booklet for  
Hex(7E6226) contains.

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**Color**

**Hex(7E6226)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E6226
RGB	126, 98, 38
RGB Percent	49%, 38%, 15%
CMY	0.5059, 0.6157, 0.8510
CMYK	0.00, 0.22, 0.70, 0.51
HSL	41°, 54%, 32%
HSV	41°, 70%, 49%
XYZ	13.3217, 13.3109, 3.7009
YIQ	99.5320, 35.9480, -12.7240

# Conversions

## Conversions Part 2

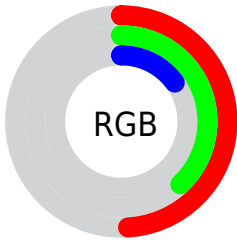
Format	Color
R <sub>Y</sub> B	79, 126, 38
Decimal	8282662
CIE Lab	43.23, 4.43, 37.33
CIE LCh	43, 37.594, 83.233
Yxy	13.3109, 0.4392, 0.4388
Android (android.graphics.Color)	4286472742 (0xFF7E6226)
YUV	99.5320, -30.3353, 23.2124
Hunter-Lab	36.4841, 1.3298, 19.5247

# Details

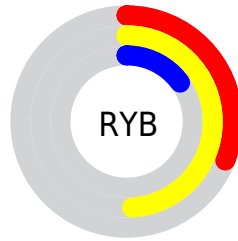
The Hex color **7E6226** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **26427E**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **B59456**, and **4A3400** is the 20% darker color. If you saturate the color by 10%, you get **7E5E19**, and if you desaturate by 10%, it is **7E6633**.

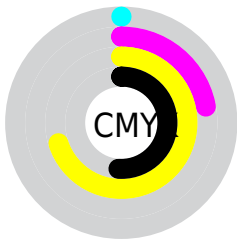
# Distribution



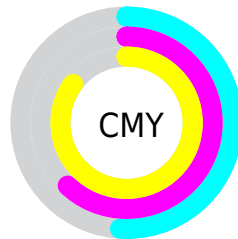
- Red (49%)
- Green (38%)
- Blue (15%)



- Red (31%)
- Yellow (49%)
- Blue (15%)



- Cyan (0%)
- Magenta (22%)
- Yellow (70%)
- Black (51%)



- Cyan (51%)
- Magenta (62%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E6226 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7E6226 by changing the saturation by 10% instead.



 7E6226

 7E6226

FFFFFF

 634A0D

 B59456

 4A3400

 D2AF6F

 301F00

 EFCA89

 180800

 FFE6A4

 000000

 FFFFBF

 FFFFDB

 FFFFF8

 7E6226

 7E6226

■ 7E5E19

■ 7E6633

■ 7E5A0D

■ 7E6A3F

■ 7E5600

■ 7E6E4C

■ 7E7258

■ 7E7665

■ 7E7A72

■ 7E7E7E

■ 7E828B

■ 7E8697

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



945635



7E6226



606C2A

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7E6226



00757E



86548C

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7E6226



26427E

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5C619F



7E6226



007297

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7E6226



00755E



016CA4



9C4C6F

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7E6226



487037



016CA4



7A5894



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7E6226



A39881



7E2643



524B3D



D1D1D1



525252



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7E6226



A3781A



6F7E26



403E39



805700



000000



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26427E



1A46A3



35267E



393B40



002980



000000



# Previews

## White Background



This preview shows how the Hex color 7E6226 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7E6226 Background



This preview shows how black text looks on a background with the Hex color 7E6226.



This preview shows how white text looks on a background with the Hex color 7E6226.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
7E6226

**Protanopia**  
726727

**Deuteranopia**  
806126



**Tritanopia**  
825C63

# Trichromacy



**Original Color**  
7E6226

**Protanomaly**  
766527

**Deuteranomaly**  
7F6126

**Tritanomaly**  
815E4D

# Monochromacy



**Original Color**  
7E6226

**Achromatopsia**  
646464

**Achromatomaly**  
6D634D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E6226 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7E6226 looks like.

```
.text, #text, p{  
    color:#7E6226  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7E6226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E6226
}
```

## Border

The CSS property to change the border of an element to Hex 7E6226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E6226 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7E6226 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #7E6226 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E6226; -webkit-box-shadow:4px 4px  
4px 4px #7E6226; box-shadow:4px 4px 4px  
4px #7E6226 }
```

# Background

The CSS property to change the background color of an element to Hex 7E6226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E6226 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7E6226 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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